

## THE HAMFEST IS BACK

GARY SKUSE, KA1NJL—RARA VICE PRESIDENT

Since there is no June RARA meeting I thought I'd remind everyone that the Rochester Hamfest is back. This year we return to the Barnard Fireman's Field at 360 Maiden Lane in Rochester. In the past I have always enjoyed our hamfests there because there was plenty of room, ample parking, lots of opportunities to catch up with my fellow hams and even more opportunities to haggle for a deal or two on things I was convinced I needed. As before there will be great food provided by the volunteer fire fighters with the proceeds from their sales going to support their life saving efforts. Who could ask for more?

Last month our RARA meeting took the form of a field trip to the WXXI AM transmitter site. There were more than 90 members there and from what I have heard, everyone had a great time. I know I did. I want to again thank our hosts, Nolan Stephany, N2EAW and Scott Fybush. They both gave up precious time with their families and friends to welcome us to their transmitter site, answer our many questions and explain how their signal gets from their downtown studios to our AM radios. I cannot thank them enough for one of the best field trips I can remember.

I would also like to encourage each of you to consider supporting WXXI. The many services WXXI provides for our community are invaluable and they are primarily supported by members, the consumers of their programming like me and you. Please think about what you can do to support them and if you decide to help, visit <http://interactive.wxxi.org/support> and make a commitment to support public radio in Rochester.



**Hosted by Barnard Fire Department**

**2015 Rochester Hamfest**  
**Saturday, June 6, 2015**  
**Barnard Firemen's Field in Greece, NY**  
*Back by Popular Demand*  
**360 Maiden Lane**

**General Admission**  
 Tickets at the Door: \$8.00  
 Pre-Sale Tickets by May 6, 2015: \$6.00

**Vendor**  
 Outdoor Flea Market space: \$13.00  
 Pre-Sale by May 6, 2015: \$10.00  
 Pavilion space with electric: \$39.00  
 Pre-Sale by May 6, 2015: \$35.00

VE Testing will be available  
 Talk in Frequency: 146.610 PL 110.9

Food and Drinks will be available for purchase.

**Gates Open @ 7am**

For more information please visit either website below  
<http://barnardfire.org>  
<http://www.rochesterhamfest.org>




Special Door Prize  
 Drawing for Pre-sale  
 participants

50/50  
 Raffle

Hourly  
 Door Prizes



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**JUNE 2015**  
**VOLUME 67, ISSUE 10**

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# PREZ SEZ

FRANK SCHRAMM, WB2PYD—RARA PRESIDENT

## It's time for summer fun for everyone!

According to the calendar, it's nearly summer time; and that means antenna tuning and repair, fox hunts, BBQ's and picnics!

We're kicking off the RARA summer season on Saturday June 6<sup>th</sup> with the Rochester Hamfest. It's "Back to Basics" with a giant flea market at the Barnard Fireman's grounds. You can expect lots of food and lots of bargains. Directions and details are available at [www.RochesterHamfest.com](http://www.RochesterHamfest.com).

On Saturday June 13<sup>th</sup> we have 16 Scouts signed up to get their Radio Merit Badge at the BSA council HQ on Brighton-Henrietta TL Rd. Our scout leaders Bill, WB2SXY and Steve, K2SRF, will be working with the youngsters on theory and the science of radio. Listen for them on the local repeaters later in the afternoon.

On Saturday June 27<sup>th</sup>, Field Day, the Scouts will be discovering the HF bands! Our scout leaders and some helpers will be setting up a Field Day station at the BSA Council HQ. This exercise will introduce HF to the Scouts, and complete the requirements for their merit badges. Contact Bill or Steve to arrange a Sked with the Scouts or volunteer to help at HQ!

And mark your calendar now: On Saturday July 11<sup>th</sup> is the RARA family picnic. This year we're firing up the grill in Powder Mill Park. We'll have our renowned feast of summer fare and family fun. I'll have a menu to tempt you with in next month's issue of the RAG.

We'll resume our evening programs in August.

See you at the Hamfest!  
Frank  
WB2PYD



## CALENDAR OF EVENTS

**JUNE 6<sup>TH</sup>** - RARA Hamfest  
7:00 AM at Barnard Fireman's Field, 360 Maiden Lane

**JUNE 6<sup>TH</sup>** - RARA VE Testing  
At the Hamfest

**JUNE 11<sup>TH</sup>** - RARA Board of Directors  
5:30 PM RIT Engineering Hall, Room 2110

# Rochester HAMFEST

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2015 Rochester Hamfest

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ClipartOf.com/442464

**Gates Open @ 7am**

For more information please visit either website below

<http://barnardfire.org>

<http://www.rochesterhamfest.org>



**NOTE: There is NO June Meeting.  
The Hamfest is the meeting!**



# WE DON'T KNOW HOW GOOD WE HAVE IT

James Stefano, Jr., W2COP, RARA Public Service Coordinator

Rochester, NY. Third largest city in New York State. Many of us have lived here most of our lives but I think this is a good time to remind ourselves of the great Amateur Radio Community we have here and spread out among the different clubs and interests. What brings many of us together is the desire to use and sharpen our radio communication talents while providing a much needed service to our fellow citizens who depend on us to just "make things just work". Really!

We are very fortunate to have any of a dozen such public service events to choose from this spring, summer and fall where we can get together and deliver what we do best and provide our communications support to these groups that need our skills. There is a nice variety of what is available and the ways in which you can participate.

During the next 200+ days please consider if you can take a morning and/or afternoon to sharpen your comm skills while helping others in need. Take a minute and go to [http://rochesterham.org/public\\_service.htm](http://rochesterham.org/public_service.htm) and see if there are one or more events that interest you. Consider helping organize if you also like that. If you're a new HAM, say so and we can get you an Elmer (mentor) to ride along with.

Hope to see you there! Don't waste a second as events are fast approaching.



# THREE FOXES FOUND IN VICTOR

Jon Dickason, N2JAC



Saturday May 9th was XARC's annual hidden transmitter hunt, traditionally held on CQ worldwide foxhunt weekend. I designed this hunt to be easy enough for beginners, but also added two more transmitters for a more challenging hunt. The hunt began in Dryer Rd. Park in Victor. There are dozens of mountain bike trails here and I worried about hunters getting run over, but we were able to co-exist with the bikes without incident. We started with a practice fox in the parking lot and most of the 8 teams got very close to finding it (hidden in my car), some with newly constructed tape measure beams, or their first time with body fade techniques and their HTs. Jarred, KF2MR, and his seven year old daughter Danica were the only

team to actually find the practice fox. This was their first XARC hunt and Jarred was wearing his Yaesu FT-817 around his neck and using its built-in variable attenuator with a rubber duck antenna with great results, until the battery died.

The first competition transmitter was hidden inside the park and it was a newly designed quad-fox I put together recently, four transmitters in one case. The first of the four co-located transmitters is an Alinco DJ-C1 VHF 300mW HT connected to a Byonics PicCon fox controller. To make this easier for the beginners, a second, lower power transmitter on a different frequency was also in the same box. This was a Raspberry Pi computer running the PiFox software with no additional hardware. The Pi played a computer synthesized voice message on 146.565 at very low power, only detectable from about 100 feet. The two other transmitters making up the quad-fox were a wifi access point and an audible beeper.



Jarred and Danica got close to the transmitter and circled it several times while hearing the lower power message, but failed to think 3 dimensionally and look up in the tree to see the gray ammo box in plain sight. All the other hunters found the fox in less than an hour and we re-convened at the starting point to start the next leg of the hunt by car. Of the remaining two transmitters, only one was strong enough to be heard, and even then not by all of us, so I suggested they re-start at Finger Lakes Community College's Victor campus on Route 251 three miles north, where both foxes could be clearly heard. A ½ watt W2NED/W2VAB foxmitter was hidden in Lehigh Crossing Park, between FLCC and Van Bortel Ford on Route 96. Another foxmitter with an 8 watt transmitter was 2 miles west in Fishers Park, along a nice trail between a swamp and a creek. Both had external antennas up in the trees.



Will KC2VSJ and Scott KC2ZQU were able to find all three foxes and take the lowest numbered tags for the best score of the day. Ned W2NED and Gregory also found all three and tied for second place with the team of Rich K2RAH, Bill K2WEK and Paul KC2GTO. Jarrod and Danica teamed up with Bob K2OID to find a second fox. Lee WB2JOR teamed with W2NED to find two foxes.

Rookie hunters that were able to find the first fox were Kelly and Chris KC2VCK, Harry KD2DWA, and Sandy KA2HQZ.

We met for our traditional post-foxhunt lunch at Mickey Finn's in Victor for some welcome air conditioning, cold drinks, good food and fox hunt bonding.

Gimmicks like multiple transmitters are my way of trying to spice up the hunt and make it interesting for those of us that have been doing this for over 15 years, but more gimmicks can sometimes add confusion to the hunt and this one was no exception. Foxhunt fever can also be a factor even for us veteran hunters, when your adrenaline gets flowing and you charge through the prickles/swamps/cliffs instead of looking for an easier way to the fox. I'm glad we had a great turnout, especially from some rookie hunters, and hopefully they'll be back for more fun in October for our Fall hunt.

If you've been wanting to try foxhunting, but haven't been able to make it to one of ours, consider hosting your own. We'll lend you the transmitter and help with other logistics or you can just wrap a rubber band around an HT. When the hunters get close, they'll hear themselves coming over the air. You can hunt with your club, grandchildren, hamfest, etc. even



indoors. Hiding the fox can be just as fun as hunting, especially if you can watch the hunters, or help the kids learn how to body fade.

# RADIO ASTRONOMY NEWS

Martin Pepe

Our project **Callisto** RF Solar Spectrograph, to study RF emissions from the Sun's eruptions (Sunspots, CMEs, etc.) is progressing nicely. This project is designed to contribute to a global network of radio telescopes called 'eCallisto'. It consists of a converted 7 foot 'C' band dish, that will track the Sun from rise to set. Its front end and receiver is a special modified digital TV tuner (50 – 850 Mhz), controlled by a microprocessor, for both bandwidth and center frequency. Data is collected by a dedicated ATX PC running Windows 7. This data will be uploaded to a central server (in Zurich, SW) when we're fully operational, where it is archived for use by astronomers and scientists to better understand our source of heat, light and gravity.

This month we'd like to share our RT demo at RIT's Imagine festival at the beginning of last month (May). The 'Brown Dwarfs' senior design team successfully demonstrated autonomous tracking of the Sun, regardless of weather (clouds, rain, etc.) . With the present system, we can track ANY celestial object.

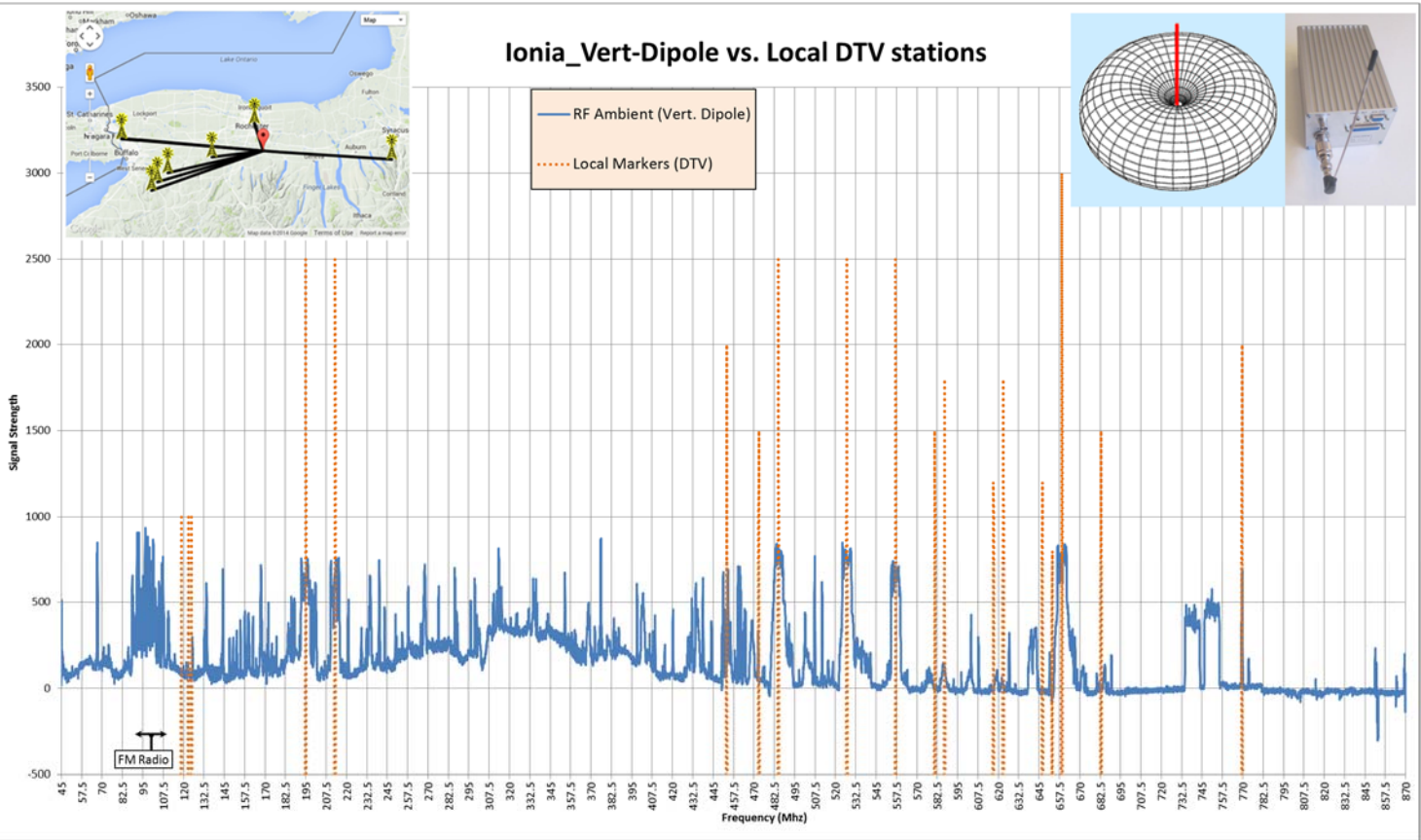
Additionally, we've characterized the local (to Ionia, NY) DTV and Radio Emitters mentioned in last month's newsletter, and we have identified FM radio, Cell Phone, and DTV stations (the vertical dotted lines are known area DTV center frequencies). We've started a proof of concept hardware model to support a software removal algorithm of these 'bad actors' from our data (maybe this summer?)



Intro to Radio Astronomy - <http://www.rochesterastronomy.org/ASRAS-HOME/Radio-Astronomy>

Callisto - <http://e-callisto.org/>

Ionia\_Vert-Dipole vs. Local DTV stations



# ANTENNA PROJECT

John Viggiano, NV2K

In the morning of Saturday 16 May, RARA members Mike W2KSW, Gary KC2YTD, Chuck KC2KPL, Anand KC2KPG, Bill K2WEK, and JJ KD2HJA gathered for an installment of the RARA Academy, led by John NV2K and Gary KA1NJL.

The subject of this session was to construct a dual-band (20m and 15m) HF antenna based on the coupled resonator principle developed by Gary Breed K9AY and discussed in several articles in QST by Joel Hallas W1ZR. The 20m element is fed as a typical dipole, while the 15m element is fed parasitically, as a sleeve element.

The bands were selected for their world-wide propagation capabilities, as well as the relatively compact size of the antenna. The finished antennas are about 34' long, and will fit into a small back yard. For those of you who missed it (were you in Dayton that weekend?) and still want to build one, another opportunity is being planned.

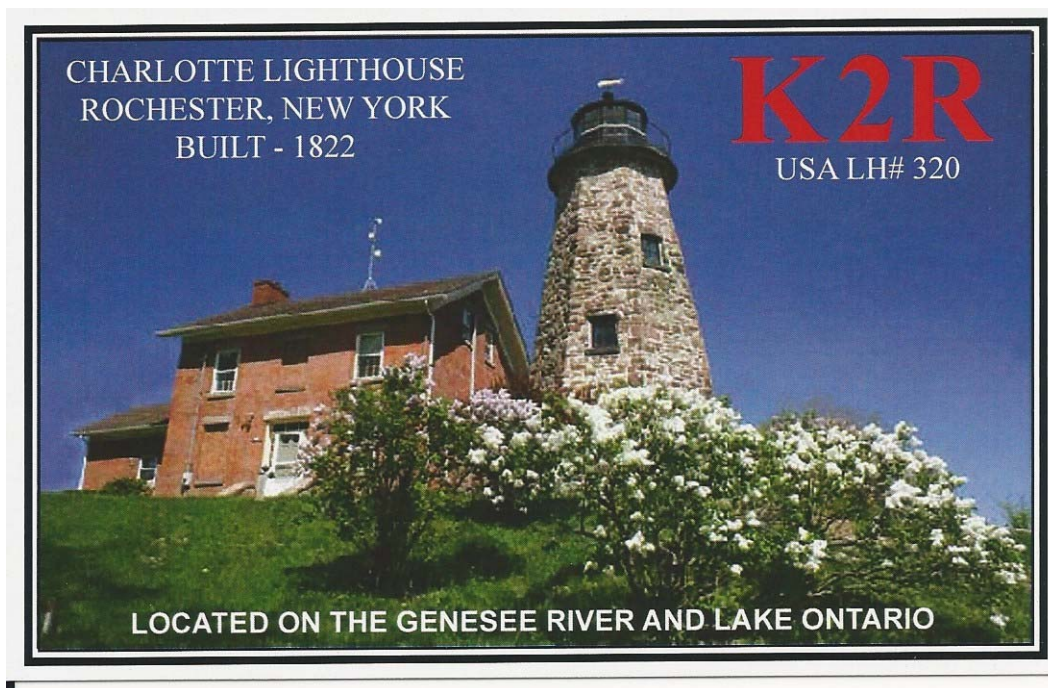
If you hear any of the participants on 20 or 15, be sure to ask them if they're using the RARA HF Dualband!





# INTERNATIONAL LIGHTHOUSE LIGHTSHIP WEEKEND

Dave Timmons, W2DST



Once again we have received permission to operate station K2R from the grounds of the Charlotte-Genesee Lighthouse for the 2015.

## International Lighthouse Lightship Weekend

AN ANNUAL AMATEUR RADIO WEEKEND EVENT.

FOUNDED IN 1995 BY TWO MEMBERS OF THE AYR AMATEUR RADIO GROUP, (AARG), SCOTLAND,  
AND HELD ON THE THIRD FULL WEEKEND IN AUGUST.

**15-16 August 2015 - Duration 48 hours from 0001 UTC 15.8.2015**

During last year's event the station was operated by Tim Brown WB2PAY, Laura Enders KD2BEA and Dave Timmons W2DST. We had several visitors and made 125 contacts in 23 states and 4 countries. We contacted 21 lighthouses and 1 lightship. If interested in participating this year please contact Dave Timmons W2DST at [W2DST@arri.net](mailto:W2DST@arri.net). Operating hours will generally be from 11 AM to 5 PM both days.

Links:

ILLW - <http://illw.net/>

Charlotte-Genesee Lighthouse - <http://www.geneseelighthouse.org/>



# GANANDA SCIENCE FAIR 2015

Jon Dickason, N2JAC

Several months ago, Gananda Middle School asked RARA to give a ham radio presentation at their science fair. The fair was expanding to the high school, and the organizers wanted to showcase some technologies that would interest the students and their families. I offered to lead the effort, and although I didn't get the crush of volunteers I hoped for, the ones I got are the best ambassadors of ham radio I could have hoped for.

We arrived at the Gananda High School on April 27th at 5:30 and had 30 minutes to setup. We quickly erected the off-center fed dipole, designed and built by W2NED, with one end tied to a dumbbell and thrown onto the second story gym roof, and the other end supported by a Buddipole mast and guyed to a stop sign. Bob, K2OID, fired up XARC's Icom 746 and easily made a CW contact with Hungary. Bob is used to operating Field Day after a couple of



hours of raising a tribander on a portable tower, but we were all impressed and a little surprised with the speed of this improvised setup and how well it worked.



The middle school kids are always fascinated by Morse code (yes, really!) so Bob told them many stories of the 340 "countries" he's worked and amazed them by translating the received dits and dahs without writing anything down. The kids got to send code with a key connected to a credit card sized Raspberry Pi computer that Steve, KA1CNF, had set up to decode CW onto the screen. He had an Arduino microcontroller sending code nearby.

Dave, KC2DQS, set up two Yaesu digital radios and was taking pictures with his camera equipped microphone and sending it to the FTM-400DR's color display. Even though these kids are used to cell phone selfies,

they all wanted to see their faces digitized and go through the air without any cell mystery in between.

While the students were having their entries judged, we gave a short presentation on the various aspects of our hobby that we brought to demo. I showed a tape measure beam and some hidden transmitters, and a video from the Wellsboro road rally. Bob showed some QSL cards and field day pictures. Charlie, KB2SOZ, talked about public service events like Tour De Cure, and hoped for a comeback of the Gananda radio club. Steve described APRS and his CW computer boards, and Dave explained his digital radios.



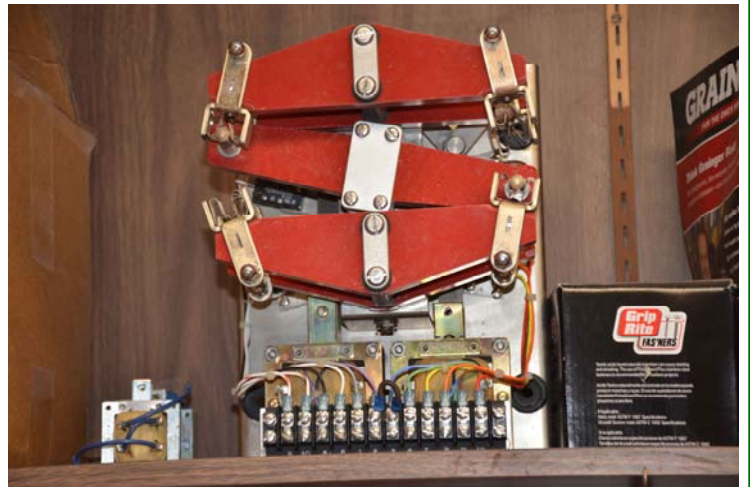
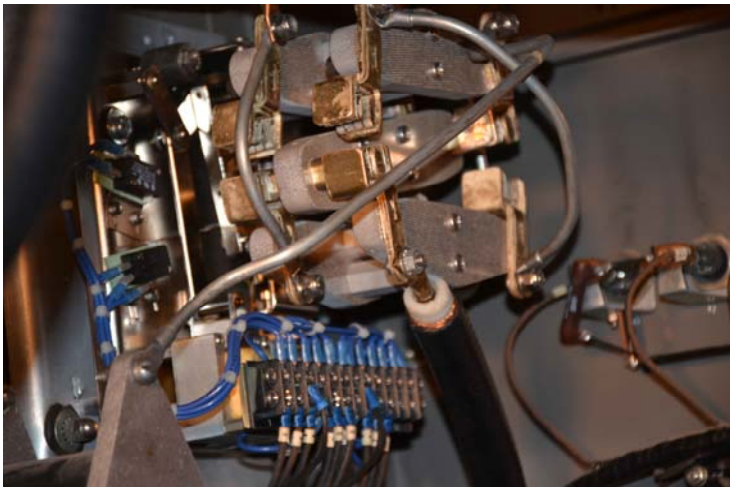
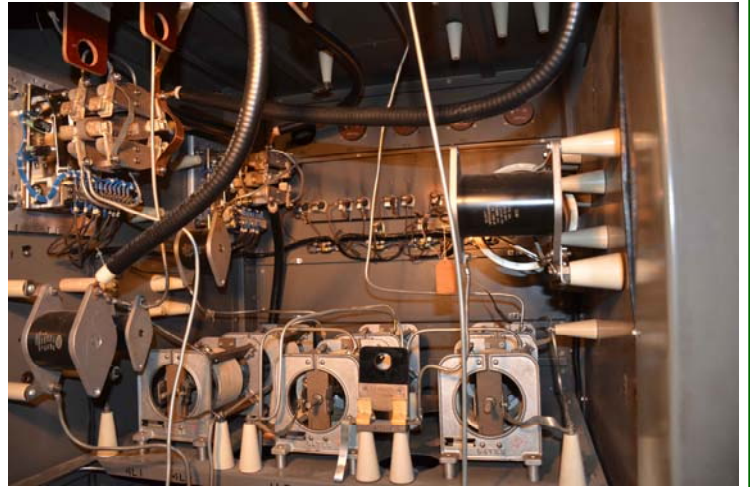
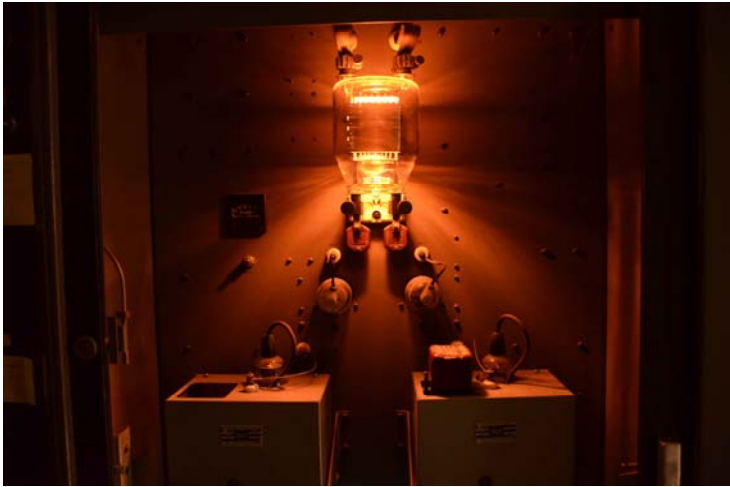
Although our audience was not as large as the maker faire or RMSC science and tech week, we did expose the kids and their families to ham radio. The school is planning a bigger event next year.





# WXXI AM TRANSMITTER SITE TOUR

Photos by Gary Skuse, KA1NJL and Zach Werner, KC2VCM







## NEPAL EARTHQUAKE AND AMATEUR RADIO

Provided by Gary Skuse, KA1NJL

Check out this link!

<http://arstechnica.com/gadgets/2015/04/after-nepal-earthquake-people-turn-to-ham-radio/>

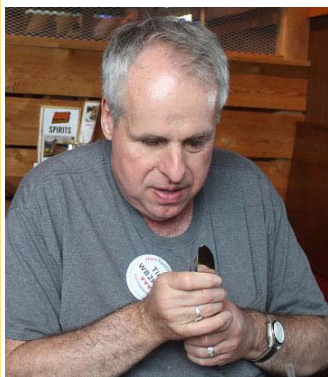
# DAYTON HAMFEST 2015



I hid the coax in the  
tires



SHHH!  
I bought a new radio



Forget the radios.  
Where's the steak?



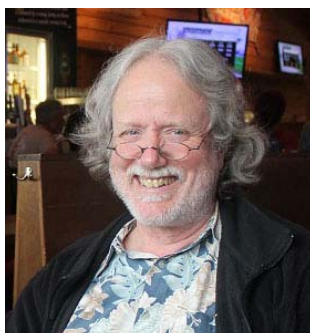
If I say PLEASEEEEE,  
can I buy this radio?



SELFIE!!!



Boys will be boys



I'm not waiting another  
40 years



If I keep grinning no one  
will know my feet hurt



# VE TEAM

We had 17 successful applicants in April:

- 11 Technicians
- 4 Generals
- 2 Extras

It was very nice to see such a large turnout.

The June session will be at the Hamfest on June 6th beginning at 8AM.

The next session after the Hamfest will be on September 19th at our usual location, RIT.

Wishing everyone a great summer and see you in the fall.

If you have any questions please contact Ken Hall [ken@w2krh.com](mailto:ken@w2krh.com).

<b>John Bopp</b>	KD2INB	T	<b>Robert Klinshaw</b>	KD2INE	T
Christopher Cianflone	KD2HWJ	G	<b>Craig Johnson</b>	KD2INF	T
<b>Allan Church</b>	KD2IPU	T	David Malecki	KD2HEV	E
<b>Joseph DiMaria</b>	KD2INC	T	<b>Craig Martin</b>	KD2IOA	T
Donald Edwards	KD2FRD	G	Donald McKeown	KD2IAI	G
Benjamin Haag	K2BXH	E	<b>Gary Terrana</b>	KD2ING	T
Jon Hausler	WB2TLL	G	<b>Thomas Wood</b>	KD2IOB	T
<b>Mark Henry</b>	KD2IND	T	<b>Christopher Young</b>	KD2INH	T
<b>Brennan Kelley</b>	KE0EAP	T			

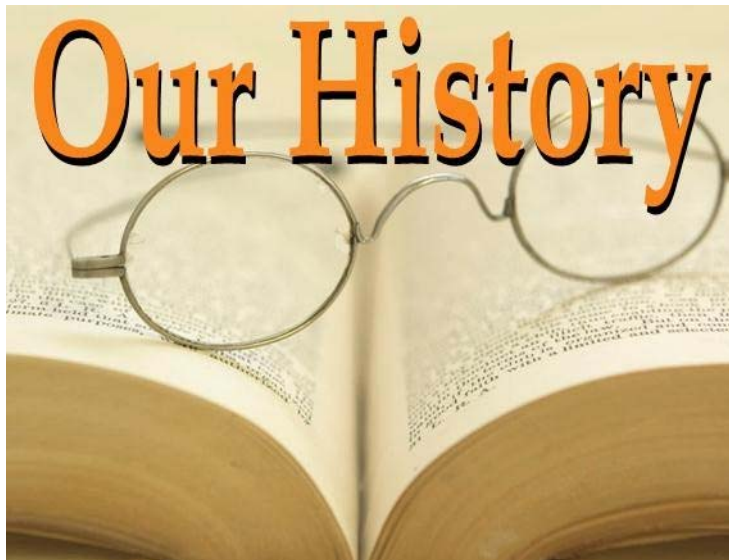
New licensees names are in BOLD

# RARA RAGS OF THE PAST

Ed Gable, K2MP – RARA Club Historian

## 20 YEARS AGO, JUNE, 1995

Front page news in this issue was the announcement of a new venue for the annual RARA Picnic to be held June 17<sup>th</sup>. After many years at Powder Mill Park the Board thought it might be interesting to see other locations in the Monroe County Parks system and selected the idyllic Ellison Park and its South Lodge site. The just finished May 19th Hamfest was a huge success and in a great way because of the hard work of the many volunteers needed to make it all possible. One unusual volunteer coordinator was Bob Erskine, W2NVZ, who, through his life long work as a local television engineer, made it possible to televise two way coverage of Hamfest Programs. This need arose as the meeting rooms were too small for the huge crowds interested in attending the wide variety of excellent presentations. Atlantic Division Achievement Awards were announced by Atlantic Division Director Kay Craigie, WT3P, as: Amateur of the Year Award to Kenneth Botterbrodt, WA2CVJ, the Grand Ole Ham Award to Donald Wagner, W2QFC and the Technical Achievement Award to Tim Duffy, K3LR. There were no Want Ads in this issue, but you could support RARA Rag advertisers by shopping at Glenwood Sales on Hague Street.



## 40 YEARS AGO, JUNE, 1975

Rochester was selected as the site of the Sisters Cities International Conference to be held at the Americana Hotel on August 6-9. To augment this international affair, RARA was activated to play an important roll in providing real time communications with like stations in sister cities. Heading the team were co-chairman Ron Jacobowski, W2HXP (K2RJ) and George Negus, K2OIU. A special callsign of WH2SCI was issued by the FCC to be used on SSB, CW, RTTY and SSTV from the lobby of the downtown hotel. Joan Vogt, WA2YTK, has been selected as chairperson of "fun and games" at the June 7<sup>th</sup> RARA picnic at Powder Mill Park. In a quiet, no frills, 1/8 page, Bruce Kelley, W2ICE, Curator of the AWA Museum, invited people to see the new AWA Museum, located "in the brick building opposite village park." (It would stay there until 2013 – Ed) The ARRL requested of the RARA Rag Editor space to print two full pages of the ARRL's Counter-Proposal to FCC Docket 20282. A number many still remember today. Out going president Joe Hood, K2YAH, like most other Presidents before him, wrote a final column as his way saying farewell. He reviewed the year past and the progress made and the goals yet to be fulfilled.. in a way that made you proud to be a RARA member. Worth reading today. From the Want Ads you could buy a Hallicrafters SX-117 from El Wagner (SK) WB2BNJ. Tire World of Greece, Ray Roberts, WA2SSU (SK) (Past President), remained a long term advertiser.



# RARA CALENDAR

Tim Barrett, K9VB

~ June 2015 ~						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	<b>1</b> ARS Spartan Sprint	<b>2</b>	<b>3</b>	<b>4</b> NRAU 10M Activity Contest NCCC RTTY Sprint	<b>5</b>	<b>6</b> Rochester Hamfest SEANET Contest (India) RSGB National Field Day (UK) Alabama QSO Party
<b>7</b> SEANET Contest (India) RSGB National Field Day (UK) Alabama QSO Party	<b>8</b>	<b>9</b> NAQCC CW Sprint	<b>10</b> SIARC 7.30pm	<b>11</b> RARA BoD Mtg 5.30pm NCCC RTTY Sprint	<b>12</b>	<b>13</b> Portugal Day Contest ARRL June VHF Contest SKCC Sprintathon
<b>14</b> Portugal Day Contest ARRL June VHF Contest SKCC Sprintathon	<b>15</b>	<b>16</b> RDXA 7.30pm	<b>17</b>	<b>18</b> NCCC RTTY Sprint	<b>19</b>	<b>20</b> Ukraine DX RTTY Contest WV QSO Party
<b>21</b> Ukraine DX RTTY Contest WV QSO Party	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b> NCCC RTTY Sprint	<b>26</b>	<b>27</b> ARRL Field Day Ukraine DX Digi Contest King of Spain Contest
<b>28</b> ARRL Field Day Ukraine DX Digi Contest King of Spain Contest	<b>29</b> 10-10 Int Spirit of 76 QSO Party	<b>30</b> 10-10 Int Spirit of 76 QSO Party				

Print this calendar and leave it by your radio.

# NEWS FROM AREA CLUBS

## MONROE COUNTY ARES / RACES NEWS

The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month. Anyone interested, members and non-members, are welcome to attend. The next ARES Meeting will be held on: **Thursday, May 28, 2015, at 7:00pm.**

**REMINDER:** We do not meet during the summer months of July and August.  
The next ARES Meeting will be held on: **Thursday, September 24, 2015, at 7:00 PM.**



Meetings are held at the **Greater Rochester Chapter of the American Red Cross HQ, 50 Prince Street, Rochester, NY 14607.** (Located behind the Rochester Auditorium Theatre, 885 Main St. E.)

**ARES NET:** Monroe County ARES/RACES meets on the air every Thursday of the month at 8:00 pm, on the 146.61 MHz (-) 110.9 Hz PL repeater. The only exception to that are nights when we hold our regular meeting, generally on the 4th Thursday of the month.

**WEB:** [www.monroecountymcomm.org](http://www.monroecountymcomm.org)

**Severe Weather Alerts:** Summer often brings severe weather in the form of heavy rain, wind, hail, lightning and thunderstorms. If you experience any of these forms of severe weather, and especially when accompanied by damage to property in your area, listen to your local ARES/RACES repeaters for information. While official ARES/RACES activation could be a possibility, it is more important that we open a spontaneous net simply to share information about weather conditions in your immediate area. Don't wait for someone else to do it. Pick up the microphone and start a net. If you don't have a copy of the directed net protocol, you can find one at the WEB address listed above. (Activities/ARES Net/ Net Script/ Downloads)

**NBEMS:** Want to learn about Narrow Band Emergency Messaging System (NBEMS)? It's the latest and easiest way to "Go Digital!" Bring your laptop computer and 2-M handheld transceiver. We will conduct an NBEMS clinic after every meeting through June 2015.

## ROCHESTER RADIO REPEATER ASSOCIATION, RRRRA

The Rochester Radio Repeater Association, RRRRA invites you to attend its June 19th 2015 meeting. Meetings are held on the 3rd Friday of the Month in the Pittsford Town Hall Basement starting at 7:30 pm. The meeting program will be the club's annual election of officers. RRRRA will post May's nominees on RRRRA's web site at [www.k2RRRA.org](http://www.k2RRRA.org). RRRRA will also be taking nominations for board members prior to the election. Without board members RRRRA will lose its non profit status and will have to go out of business. Please consider volunteering to become an officer of RRRRA. This club can't exist without members. Help keep Rochester's only non profit club dedicated to FM repeaters alive.

The 2014 officers are Bob Shewell, N2HJD President, Rob Bruno, KD2GCG Vice President, ED Wilkonski, KC2WM Secretary, and Joel Roszbach, N2EZV Treasurer.

## SQUAW ISLAND AMATEUR RADIO CLUB, SIARC

The Squaw Island Amateur Radio Club (SIARC) meets every second Wednesday of the month at 7:00PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM with the regular meeting beginning at 7:30PM. There will not be testing at the June Meeting.

## DRUMLINS AMATEUR RADIO CLUB

Our meetings are held the third Wednesday of each month. Doors open at 7:00pm, meeting starts at 7:30pm at the Wayne County EOC, 7376 Route 31, Lyons. VE sessions held before the meeting on even months. Talk-in before meeting on 146.685-.

## ROCHESTER VHF GROUP

The Rochester VHF Group holds monthly meetings on the second Friday of the month between September and June. Meetings begin at 7:30 PM and are held at the Spencerport Wesleyan Church, 2653 Nichols St. (NY Route 31) in Spencerport. Visit our website [www.rvhfg.org](http://www.rvhfg.org) for details.

The Rochester VHF Group sponsors an informal On-Air Net every Monday at 2100 local time on 144.260 MHz USB and a 6 Meter Net every Thursday at 2100 local on 50.200 MHz USB.

More club information can be found by visiting [www.rvhfg.org](http://www.rvhfg.org) or just calling in any Monday or Thursday night. All are welcome to check in to these nets.

## ROCHESTER DX ASSOCIATION, RDXA

### Going for Fifth National Field Day 3A Championship!

The June RDXA meeting will be outlining the main plans and improvements planned for this year's Field Day, to be held at Webster Park. This follows our back-to-back wins of the last two years! We still are holding to our philosophy of having a station that anyone can operate, and invite new licensees and old-timers alike to come by and give it a try.



So come to the meeting (and later to FD) and see what a national-level Field Day effort right in our own back yard entails!

**CHANGE OF LOCATION:** The June meeting will be at *Lilian's Restaurant*, Penn Fair Plaza, 2200 Penfield Road, Penfield (at junction of 441 and 250). Dinner at 6, meeting at 7:30, and refreshments before and after.

## XRX AMATEUR RADIO CLUB

The 145.29 repeater had its antenna raised another 120 feet on May 9, improving its coverage significantly. It is also System Fusion capable if you have that mode available, try it out. Our next meeting will be 6PM June 11 at the Webster Rec Center. We will be going over our Field Day plans. As always, check our website for details <http://xarc.us>

## AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER

The 146.37(+) is up and working. By all reports, the signal is as good as or better than before. The committee is still trying to evaluate the antenna pattern for the higher position on the tower. If you should be coming through the area, give a report to help.

The Wineglass marathon still needs help. We can always use more communicators. If you can help contact [emergencycoordinator@arast.com](mailto:emergencycoordinator@arast.com).

Don't Forget the Elmira Hamfest, always the last Saturday in September. Tickets are available from any board member and should be available at the Rochester Hamfest in June.

## Is There A Hamfest In Your Future?

Rochester Hamfest, June 6, Barnard Firemen's Carnival Grounds

Elmira Hamfest, September 26th



## FOR SALE

### HY-GAIN TH2MK3-S

2 Element 10 / 15 / 20 Meter Trap Beam

Fwd Gain: 5.5dBi

F / B:15 - 20dB

Antenna is assembled and on the ground

Asking \$100

Contact: Tim Brown, WB2PAY

[tjbrown@rochester.rr.com](mailto:tjbrown@rochester.rr.com)

585-750-2087



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### Cushcraft A-4S

4 element tribander

Asking \$100

### Cushcraft 15-4CD

4 element 15M yagi

Asking \$50



### Realistic HTX-100

25W 10M transceiver

Asking \$50

**10M vertical** - free to whoever can use it

**2M discone** - free to whoever can use it

Contact: Bob Fuller, WA2PHM

[ianbobfuller@frontier.com](mailto:ianbobfuller@frontier.com)

607-657-2714

# THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

## THE RADIO AMATEUR IS:

<b>CONSIDERATE</b>	Never knowingly operating in such a way as to lessen the pleasure of others.
<b>LOYAL</b>	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
<b>PROGRESSIVE</b>	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
<b>FRIENDLY</b>	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
<b>BALANCED</b>	Radio is an avocation, never interfering with duties owed to family, job, school or community.
<b>PATRIOTIC</b>	With station and skill always ready for service to country and community.

## VISIT THE RARA WEBSITE!

Did you know that your club's website ([www.rochesterham.org](http://www.rochesterham.org)) offers these features and more?

- Photos of meetings & events (you might be in there!)
- Info on upcoming meetings/programs
- Rochester Hamfest information!
- Online membership & renewal
- Track and redeem your Reward Points
- Public service info & sign-up
- VE testing info
- Back issues of the *Rag* in PDF
- Officer contact
- List of past presidents
- Online membership directory
- Order RARA logo products
- Useful Internet links
- Ham Radio 101 – tons of tutorial info, plus net & repeater listings



# RARA MARKETPLACE

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# RARA OFFICERS

## OFFICERS

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<b>Treasurer:</b> Betsy Tascione, KD2DYU	(585) 458-6546	<a href="mailto:kd2dyu@rochester.rr.com">kd2dyu@rochester.rr.com</a>
<b>Secretary:</b> Wendy Tascione, KD2DYW	(585) 704-5385	<a href="mailto:kd2dyw@rochester.rr.com">kd2dyw@rochester.rr.com</a>

## BOARD OF DIRECTORS

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Jim Stefano, W2COP	(585) 270-1911	<a href="mailto:w2cop@arrl.net">w2cop@arrl.net</a>

## DEPARTMENT HEADS

<b>Awards/ Raffle Administrators</b>	Jay Hamill, KC2TCM Sabrina Hamill, WD2STK	
<b>Club Historian</b>	Ed Gable, K2MP	
<b>Club Station Trustee</b>	Jim DiTucci, N2IXD	<a href="mailto:n2ixd@arrl.net">n2ixd@arrl.net</a>
<b>Education Coordinator</b>	Pam Kasperkoski, W2PHK	<a href="mailto:pamelakasper@frontiernet.net">pamelakasper@frontiernet.net</a>
<b>Hamfest Producer</b>		
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<b>Webmaster</b>	Frank Schramm, WB2PYD	<a href="mailto:wb2pyd@gmail.com">wb2pyd@gmail.com</a>

## JULY RAG DEADLINE

**JUNE 15, 2015**



**RARA meets at 7PM on the  
first Friday of  
each  
month;  
come join us  
at:**

**HAMFEST - NO MEETING**

Henrietta Fire Co. #1

**Rochester Area Repeater Listing**

## ROCHESTER AREA RADIO CLUB CONTACTS

### **Antique Wireless Association (AWA)**

Lynn Bisha, W2BSN: [lbisha@rochester.rr.com](mailto:lbisha@rochester.rr.com)

### **Drumlins Amateur Radio Club Ltd. (DARC)**

Glen Bruemmer, KC2YGH: [glenbruemmer@gmail.com](mailto:glenbruemmer@gmail.com)

### **Fisherman's Net Amateur Radio Club**

Jim Sutton, N2OPS: [jim@otrym.org](mailto:jim@otrym.org)

### **Genesee Valley Amateur Radio Assn.**

Bill Boyd, N3DSP: [N3DSP@lafireline.net](mailto:N3DSP@lafireline.net)

### **Monroe County ARES**

Jim DiTucci, N2IXD: [n2ixd@arri.net](mailto:n2ixd@arri.net)

### **Orleans County Amateur Radio Club (OCARC)**

Terry Cook, K2EYS: [k2eys@ocarc.us](mailto:k2eys@ocarc.us)

### **Rochester Amateur Radio Association (RARA)**

Frank Schramm, WB2PYD: [wb2pyd@gmail.com](mailto:wb2pyd@gmail.com)

### **Rochester DX Association (RDXA)**

Chris Shalvoy, K2CS: [cshalvoy@att.net](mailto:cshalvoy@att.net)

### **Rochester Radio Repeater Association (RRRA)**

Bob Shewell, N2HJD: [bshewell@frontiernet.net](mailto:bshewell@frontiernet.net)

### **Rochester VHF Group (RVHFG)**

John Stevens, WB2BYP: [wb2byp@arri.net](mailto:wb2byp@arri.net)

### **Squaw Island Amateur Radio Club (SIARC)**

Steve Benton, WB2VMR: [sbenton2@rochester.rr.com](mailto:sbenton2@rochester.rr.com)

### **XRX Amateur Radio Club**

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## THE RARA RAG

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